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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/798,773

DATE: 08/31/2004

TIME: 13:01:02

Input Set : N:\Crif3\RULE60\10798773.raw

Output Set: N:\CRF4\08312004\J798773.raw

1 <110> APPLICANT: Yu, Xuanchuan
 2 Xie, Qiongshu
 3 Abuin, Alejandro
 4 Walke, D. Wade
 5 <120> TITLE OF INVENTION: Novel Human Kinases and Polynucleotides Encoding the Same
 6 <130> FILE REFERENCE: LEX-0344-USA
 7 <140> CURRENT APPLICATION NUMBER: US/10/798,773
 8 <141> CURRENT FILING DATE: 2004-03-11
 9 <150> PRIOR APPLICATION NUMBER: US/10/141,634
 10 <151> PRIOR FILING DATE: 2002-05-08
 11 <150> PRIOR APPLICATION NUMBER: US 60/289,727
 12 <151> PRIOR FILING DATE: 2001-05-09
 13 <160> NUMBER OF SEQ ID NOS: 4
 14 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 1440
 18 <212> TYPE: DNA
 19 <213> ORGANISM: homo sapiens
 20 <400> SEQUENCE: 1

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21 atggacgcca ctatcgcccc gcaccgtatc ccccccgaga tgccccagta cggggaggag 60
22 aaccacatct tcgagttgat gcagaacatg ctggagcaac tctgatcca ccagcccga 120
23 gatcccatcc cttcatgat ccagcacttg catagagaca acgacaatgt gccaggatt 180
24 gtaatattag gtccaccgcg ctcagggaaa acaacaatag caatgtggct ctgcaaact 240
25 ctgaacagca gtctcctcac cctggagaac ctgatcttaa atgagtttct ctatacggcc 300
26 accgaagcca gaaggcttta tctgcaaagg aagacagttc ccagcgcgct gctcgtccag 360
27 ctgattcagg aacgcctggc tgaagaggat tgcatacagc agggctggat tctggatggc 420
28 atccctgaga cgcgtgagca ggcctcgagg atccagaccc tggggatcac accagacac 480
29 gtcattgtgc tgagtgtcc agacacggtc ctgatcgaga gaaacttggg gaagagaatc 540
30 gaccctcaaa ctggagagat ttatcacacc accttgact ggccaccoga atctgaaatc 600
31 cagaaccgtc tcatggtgcc agaggacatc tcagagctgg agacggctca gaaactgctg 660
32 gagtatcata ggaacatcgt cagggtcatt cctcctacc ccaaaatcct caaagtcac 720
33 agtgetgacc agccatgtgt ggacgtcttc taccaggctc tgacctatgt ccaaagcaac 780
34 catcgtacta atgccccgtt cccccgagg gtgctgtctc tcgggcctgt gggcagtggg 840
35 aaaagtctgc aggcgcctc cctggcccag aaatacaggc ttgtcaatgt ctgctgtggg 900
36 caactgctga aagaggctgt ggcagatagg accacgtttg gcgagctcat ccagcccttc 960
37 tttgaaaagg agatggcagt tcctgacagc ctctcatga aggtgctgag ccagcgcctg 1020
38 gaccagcagg actgcatcca gaaaggctgg gtgctacacg gcgtcccgcg ggacctcgac 1080
39 caggcacacc tgctgaaccg cctgggctac aatcccaaca ggggtgtttt cctgaatgtg 1140
40 ccatttgatt ccatcatgga gcggtgact ctgagaagaa ttgatccagt cactggggaa 1200
41 aggtaccacc tcatgtacaa gccacctccc accatggaga tccaggctcg cctcctgcag 1260
42 aacccaaagg atgctgaaga gcaggtcaag ctgaaaatgg acctgttcta caggaaactca 1320
43 gctgacttgg agcagttgta tgggtcggcc atcacctca atggggacca ggaccatac 1380
44 acagtcttcg aatacatcga gagtgggatc attaatcccc tgcccgaaga aatccctga 1440
  
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ENTERED

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46 <210> SEQ ID NO: 2
47 <211> LENGTH: 479
48 <212> TYPE: PRT
49 <213> ORGANISM: homo sapiens
50 <400> SEQUENCE: 2
51 Met Asp Ala Thr Ile Ala Pro His Arg Ile Pro Pro Glu Met Pro Gln
52 1 5 10 15
53 Tyr Gly Glu Glu Asn His Ile Phe Glu Leu Met Gln Asn Met Leu Glu
54 20 25 30
55 Gln Leu Leu Ile His Gln Pro Glu Asp Pro Ile Pro Phe Met Ile Gln
56 35 40 45
57 His Leu His Arg Asp Asn Asp Asn Val Pro Arg Ile Val Ile Leu Gly
58 50 55 60
59 Pro Pro Ala Ser Gly Lys Thr Thr Ile Ala Met Trp Leu Cys Lys His
60 65 70 75 80
61 Leu Asn Ser Ser Leu Leu Thr Leu Glu Asn Leu Ile Leu Asn Glu Phe
62 85 90 95
63 Ser Tyr Thr Ala Thr Glu Ala Arg Arg Leu Tyr Leu Gln Arg Lys Thr
64 100 105 110
65 Val Pro Ser Ala Leu Leu Val Gln Leu Ile Gln Glu Arg Leu Ala Glu
66 115 120 125
67 Glu Asp Cys Ile Lys Gln Gly Trp Ile Leu Asp Gly Ile Pro Glu Thr
68 130 135 140
69 Arg Glu Gln Ala Leu Arg Ile Gln Thr Leu Gly Ile Thr Pro Arg His
70 145 150 155 160
71 Val Ile Val Leu Ser Ala Pro Asp Thr Val Leu Ile Glu Arg Asn Leu
72 165 170 175
73 Gly Lys Arg Ile Asp Pro Gln Thr Gly Glu Ile Tyr His Thr Thr Phe
74 180 185 190
75 Asp Trp Pro Pro Glu Ser Glu Ile Gln Asn Arg Leu Met Val Pro Glu
76 195 200 205
77 Asp Ile Ser Glu Leu Glu Thr Ala Gln Lys Leu Leu Glu Tyr His Arg
78 210 215 220
79 Asn Ile Val Arg Val Ile Pro Ser Tyr Pro Lys Ile Leu Lys Val Ile
80 225 230 235 240
81 Ser Ala Asp Gln Pro Cys Val Asp Val Phe Tyr Gln Ala Leu Thr Tyr
82 245 250 255
83 Val Gln Ser Asn His Arg Thr Asn Ala Pro Phe Thr Pro Arg Val Leu
84 260 265 270
85 Leu Leu Gly Pro Val Gly Ser Gly Lys Ser Leu Gln Ala Ala Leu Leu
86 275 280 285
87 Ala Gln Lys Tyr Arg Leu Val Asn Val Cys Cys Gly Gln Leu Leu Lys
88 290 295 300
89 Glu Ala Val Ala Asp Arg Thr Thr Phe Gly Glu Leu Ile Gln Pro Phe
90 305 310 315 320
91 Phe Glu Lys Glu Met Ala Val Pro Asp Ser Leu Leu Met Lys Val Leu
92 325 330 335
93 Ser Gln Arg Leu Asp Gln Gln Asp Cys Ile Gln Lys Gly Trp Val Leu
94 340 345 350

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```

95   His Gly Val Pro Arg Asp Leu Asp Gln Ala His Leu Leu Asn Arg Leu
96           355                      360                      365
97   Gly Tyr Asn Pro Asn Arg Val Phe Phe Leu Asn Val Pro Phe Asp Ser
98           370                      375                      380
99   Ile Met Glu Arg Leu Thr Leu Arg Arg Ile Asp Pro Val Thr Gly Glu
100          385                      390                      395                      400
101   Arg Tyr His Leu Met Tyr Lys Pro Pro Pro Thr Met Glu Ile Gln Ala
102           405                      410                      415
103   Arg Leu Leu Gln Asn Pro Lys Asp Ala Glu Glu Gln Val Lys Leu Lys
104           420                      425                      430
105   Met Asp Leu Phe Tyr Arg Asn Ser Ala Asp Leu Glu Gln Leu Tyr Gly
106           435                      440                      445
107   Ser Ala Ile Thr Leu Asn Gly Asp Gln Asp Pro Tyr Thr Val Phe Glu
108           450                      455                      460
109   Tyr Ile Glu Ser Gly Ile Ile Asn Pro Leu Pro Lys Lys Ile Pro
110           465                      470                      475
112 <210> SEQ ID NO: 3
113 <211> LENGTH: 285
114 <212> TYPE: DNA
115 <213> ORGANISM: homo sapiens
116 <400> SEQUENCE: 3
117   atggagcggc tgactctgag aagaattgat ccagtcactg gggaaaggta ccacctcatg 60
118   tacaagccac ctcccaccat ggagatccag gctcgccctcc tgcagaaccc aaaggatgct 120
119   gaagagcagg tcaagctgaa aatggacctg ttctacagga actcagctga cttggagcag 180
120   ttgtatgggt cggccatcac cctcaatggg gaccaggacc catacacagt cttcgaatac 240
121   atcgagagtg ggatcattaa tcccctgccc aagaaaatcc cctga 285
123 <210> SEQ ID NO: 4
124 <211> LENGTH: 94
125 <212> TYPE: PRT
126 <213> ORGANISM: homo sapiens
127 <400> SEQUENCE: 4
128   Met Glu Arg Leu Thr Leu Arg Arg Ile Asp Pro Val Thr Gly Glu Arg
129   1           5           10           15
130   Tyr His Leu Met Tyr Lys Pro Pro Pro Thr Met Glu Ile Gln Ala Arg
131           20           25           30
132   Leu Leu Gln Asn Pro Lys Asp Ala Glu Glu Gln Val Lys Leu Lys Met
133           35           40           45
134   Asp Leu Phe Tyr Arg Asn Ser Ala Asp Leu Glu Gln Leu Tyr Gly Ser
135   50           55           60
136   Ala Ile Thr Leu Asn Gly Asp Gln Asp Pro Tyr Thr Val Phe Glu Tyr
137   65           70           75           80
138   Ile Glu Ser Gly Ile Ile Asn Pro Leu Pro Lys Lys Ile Pro
139           85           90

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/798,773

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Input Set : N:\Cr3\RULE60\10798773.raw
Output Set: N:\CRF4\08312004\J798773.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/798,773

DATE: 08/31/2004

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